

REMARKS

This is in response to the Office Action dated February 8, 2007. With this response claims 1-3, 32-35 and 55 are amended, new claim 56 has been added and all pending claims 1-56 are presented for consideration and favorable action.

In the Office Action, the Examiner responded to Applicant's previously stated position regarding the difference between the use of an actual vibration sensor to sense vibration as opposed to attempting to identify a vibration signal from the output from a process variable sensor, such as a pressure sensor. In the Office Action, the Examiner maintained that the process variable sensor shown in Eryurek '143 was the same as Applicant's claimed vibration sensor. However, Applicant states again that these two elements are different and the present invention does not attempt to extract vibration information from something which is not a vibration sensor, i.e., the process variable sensor of Eryurek.

However, to assist in clarifying the distinction between the present invention and Eryurek '143, a number of claims have been amended. For example, the independent claims have been amended to state that the process coupling is configured to receive vibrations from the process. This process coupling transfers the received vibrations from the process to the vibration sensor. The Eryurek reference does not show such a configuration because Eryurek uses a process variable sensor which must be positioned to sense a process variable such as pressure. Thus, the vibration sensor of the present invention is not exposed to process fluid and is instead carried within the process device (see, for example, Figures 2 or 3). Therefore, it is believed that the rejection may be withdrawn. Additionally, the dependent claims have been amended to clarify that the vibration sensor is separate from the process variable sensor (claims 2 and 33) and is separate from a control element (claims 3 and 34).

Additionally, claim 55 states that the vibrations are received through a mounting arrangement while claim 56 states that the vibrations are received through a wiring system. Such configurations are not shown in Eryurek.

In view of the above amendments and remarks, it is believed that the present application is in condition for allowance. Such action is respectfully requested.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.

Respectfully submitted,

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